

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/JP03/16522A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H04L12/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ H04L12/42Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 60-004348 A (Hitachi, Ltd.), 10 January, 1985 (10.01.85),	1-6, 8-14, 16-22
Y	Page 2, lower right column, line 3 to page 3, upper right column, line 15; Figs. 1, 2 (Family: none)	7, 15, 23
Y	JP 2000-092020 A (Matsushita Electric Industrial Co., Ltd.), 31 March, 2000 (31.03.00), Par. No. [0008]; Fig. 4 (Family: none)	7, 15, 23
A	WO 02/30078 A1 (Matsushita Electric Industrial Co., Ltd.), 11 April, 2002 (11.04.02), Claim 1; Fig. 7 (Family: none)	1-23

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:
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 considered to be of particular relevance
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 date
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 cited to establish the publication date of another citation or other
 special reason (as specified)
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 means
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 "X" document of particular relevance; the claimed invention cannot be
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 step when the document is taken alone
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 "&" document member of the same patent family

Date of the actual completion of the international search
03 March, 2004 (03.03.04)Date of mailing of the international search report
16 March, 2004 (16.03.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (続き) . 関連すると認められる文献		
引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
Y	JP 2000-092020 A (松下電器産業株式会社) 2000.03.31, 【0008】, 図4 (ファミリーなし)	7, 15, 23
A	WO 02/30078 A1 (松下電器産業株式会社) 2002.04.11, 請求の範囲1, 図7 (ファミリーなし)	1-23